

Estimation of 3-Month Lead Averages

Updated 2/1/15

Units in ug/m³

50% NAAQS: **0.075 ug/m³**

(50% NAAQS = keep monitoring)

Data Handling Caveats:

Only "creditable" samples used in the calculation of the monthly average.

Lead data should be reported using 4 significant figures w/ truncation to 4th significant figure.

For previous NAAQS, all digits are retained in calculations until the end. This convention was used here, but it is uncertain what the current lead convention is.

The 3-month mean is rounded to nearest hundredth, and compared to 0.15 ug/m³.

* POC 2 not for comparison to NAAQS

monitor type:		source-oriented		source-oriented		pilot project site		NCORE		NCORE		NATTS		NATTS precision		source-oriented		source-oriented		source-oriented	
Year	Month	Belding (Merrick St)	Mo Avg	Belding (Reed St)	Mo Avg	Oakland Co Airport	Mo Avg	Grand Rapids	Mo Avg	Allen Park	Mo Avg	Dearborn POC 1	Mo Avg	Dearborn POC 2*	Mo Avg	Vassar	Mo Avg	E Jordan	Mo Avg	Port Huron Rural St	
			3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg		3-Mo Avg
2010	1	0.09350	---	---	---	---	---	0.003306	---	0.004981	---	0.009532	---	0.009435	---	---	---	---	---	---	---
2010	2	0.2025	---	---	---	---	---	0.003652	---	0.003500	---	0.01373	---	0.005155	---	---	---	---	---	---	---
2010	3	0.02368	0.11	---	---	---	---	0.006590	0.00	0.005872	0.00	0.01251	0.01	0.01045	0.01	---	---	---	---	---	---
2010	4	0.2645	0.16	---	---	---	---	0.005840	0.01	0.005373	0.00	0.01922	0.02	0.02100	0.01	---	---	---	---	---	---
2010	5	0.3609	0.22	---	---	---	---	0.008090	0.01	0.003926	0.01	0.009468	0.01	0.009043	0.01	---	---	---	---	---	---
2010	6	0.2264	0.28	---	---	---	---	0.005897	0.01	0.005536	0.00	0.008290	0.01	0.008784	0.01	---	---	---	---	---	---
2010	7	0.1368	0.24	---	---	---	---	0.005524	0.01	0.005434	0.00	0.01015	0.01	0.01058	0.01	---	---	---	---	---	---
2010	8	0.4131	0.26	---	---	---	---	0.005998	0.01	0.005099	0.01	0.01327	0.01	0.01478	0.01	---	---	---	---	---	---
2010	9	0.07521	0.21	---	---	---	---	0.005832	0.01	0.005224	0.01	0.008605	0.01	0.007987	0.01	---	---	---	---	---	---
2010	10	0.2934	0.26	---	---	---	---	0.007936	0.01	0.007067	0.01	0.01303	0.01	0.01156	0.01	---	---	---	---	---	---
2010	11	0.01609	0.13	---	---	---	---	0.006131	0.01	0.005444	0.01	0.01395	0.01	0.01032	0.01	---	---	---	---	---	---
2010	12	0.03450	0.11	---	---	---	---	0.004933	0.01	0.003590	0.01	0.01499	0.01	0.01665	0.01	---	---	---	---	---	---
2011	1	0.1947	0.08	---	---	---	---	0.004465	0.01	0.004502	0.00	0.008732	0.01	0.009330	0.01	---	---	---	---	---	---
2011	2	0.09663	0.11	---	---	---	---	0.004034	0.00	0.003188	0.00	0.004999	0.01	0.005312	0.01	---	---	---	---	---	---
2011	3	0.04045	0.11	---	---	---	---	0.005021	0.00	0.005759	0.00	0.008949	0.01	0.01233	0.01	---	---	---	---	---	---
2011	4	0.06084	0.07	---	---	---	---	0.004543	0.00	0.005220	0.00	0.008881	0.01	0.009242	0.01	0.008327	0.01	---	---	---	---
2011	5	0.01283	0.04	---	---	---	---	0.003220	0.00	0.004798	0.01	0.009242	0.01	0.008327	0.01	---	---	---	---	---	---
2011	6	0.03049	0.03	---	---	---	---	0.006657	0.00	0.006947	0.01	0.03442	0.02	0.03674	0.02	---	---	---	---	---	---
2011	7	0.1716	0.07	0.2987	---	0.02327	---	0.005897	0.01	0.006863	0.01	0.02365	0.02	0.02589	0.02	---	---	---	---	---	---
2011	8	0.1276	0.11	0.0587	---	0.02523	---	0.008326	0.01	0.006360	0.01	0.01160	0.02	0.01133	0.02	---	---	---	---	---	---
2011	9	0.0389	0.11	0.1805	0.18	0.01726	0.02	0.01006	0.01	0.005238	0.01	0.01071	0.02	0.01283	0.02	---	---	---	---	---	---
2011	10	0.0915	0.09	0.0385	0.09	0.02777	0.02	0.005237	0.01	0.005016	0.01	0.013989	0.01	0.01002	0.01	0.01213	---	---	---	---	---
2011	11	0.0249	0.05	0.0169	0.08	0.01299	0.02	0.003574	0.01	0.004770	0.01	0.006177	0.01	0.004348	0.01	0.01709	---	0.004491	---	---	---
2011	12	0.0065	0.04	0.0203	0.03	0.01801	0.02	0.004456	0.00	0.002965	0.00	0.004149	0.01	0.006116	0.01	0.002799	0.01	0.003349	---	---	---
2012	1	0.0363	0.02	0.0530	0.03	0.02250	0.02	0.00529	0.00	0.00454	0.00	0.01127	0.01	0.01026	0.01	0.02759	0.02	0.00231	0.00	---	---
2012	2	0.02766	0.02	0.05834	0.04	0.01646	0.02	0.00414	0.00	0.00477	0.00	0.01417	0.01	0.01968	0.01	0.07432	0.03	0.00773	0.00	---	---
2012	3	0.02079	0.03	0.03699	0.05	0.02750	0.02	0.00836	0.01	0.00518	0.00	0.00962	0.01	0.017217	0.02	0.01624	0.04	0.00813	0.01	---	---
2012	4	0.06218	0.04	0.03488	0.04	0.00717	0.02	0.00416	0.01	0.00471	0.00	0.01399	0.01	0.00951	0.02	0.00975	0.03	0.00293	0.01	---	---
2012	5	0.05919	0.05	0.04893	0.04	0.01953	0.02	0.00576	0.01	0.00591	0.01	0.01480	0.01	0.01221	0.01	0.02736	0.02	0.00395	0.01	---	---
2012	6	0.06243	0.06	0.04813	0.04	0.01625	0.01	0.00512	0.01	0.00573	0.01	0.01733	0.02	0.02030	0.02	0.01957	0.02	0.01073	0.01	---	---
2012	7	0.03318	0.05	0.02104	0.04	0.01773	0.02	0.00363	0.00	0.00446	0.01	0.00970	0.01	0.00787	0.01	0.01954	0.02	0.00314	0.01	---	---
2012	8	0.04604	0.05	0.06473	0.04	0.01776	0.02	0.00655	0.01	0.00661	0.01	0.00932	0.01	0.01510	0.01	0.01601	0.02	0.00644	0.01	---	---
2012	9	0.03192	0.04	0.05056	0.05	---	---	0.00554	0.01	0.00451	0.01	0.01220	0.01	0.01250	0.01	0.04926	0.03	0.00966	0.01	---	---
2012	10	0.02298	0.03	0.01916	0.04	---	---	0.00286	0.00	0.00297	0.00	0.00757	0.01	0.00767	0.01	0.00315	0.02	0.00176	0.01	---	---
2012	11	0.01688	0.02	0.02020	0.03	---	---	0.00493	0.00	0.00496	0.00	0.01327	0.01	0.01577	0.01	0.01093	0.02	0.00303	0.00	0.03003	---
2012	12	0.01431	0.02	0.01808	0.02	---	---	0.00290	0.00	0.00406	0.00	0.01700	0.01	0.00756	0.01	0.00190	0.01	---	---	0.00311	---

Year	Month	Belding (Merrick St)		Belding (Reed St)		Oakland Co Airport		Grand Rapids		Allen Park		Dearborn POC 1		Dearborn POC 2*		Vassar		E Jordan		Port Huron Rural St	
		Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg	Mo Avg	3-Mo Avg
2013	1	0.03633	0.02	0.02042	0.02	---	---	0.00295	0.00	0.00428	0.00	0.00697	0.01	0.01295	0.01	0.02190	0.01	---	---	0.011696	0.01
2013	2	0.02573	0.03	0.00391	0.01	---	---	0.00202	0.00	0.00428	0.00	0.00825	0.01	0.01127	0.01	0.00356	0.01	---	---	0.008389	0.01
2013	3	0.02555	0.03	0.01226	0.01	---	---	0.00314	0.00	0.00313	0.00	0.00623	0.01	0.006678	0.01	0.00171	0.01	---	---	0.012277	0.01
2013	4	0.03024	0.03	0.01691	0.01	---	---	0.00563	0.00	0.00399	0.00	0.00842	0.01	0.00742	0.01	0.00622	0.00	---	---	0.022723	0.01
2013	5	0.02864	0.03	0.04970	0.03	---	---	0.00416	0.00	0.00472	0.00	0.01937	0.01	0.00950	0.01	0.00283	0.00	---	---	0.02649	0.02
2013	6	0.03215	0.03	0.03607	0.03	---	---	0.00643	0.01	0.00443	0.00	0.01204	0.01	0.01067	0.01	0.00609	0.01	---	---	0.033816	0.03
2013	7	0.05216	0.04	0.02732	0.04	---	---	0.00518	0.01	0.00473	0.00	0.01139	0.01	0.02123	0.01	0.00473	0.00	---	---	0.020696	0.03
2013	8	0.04604	0.04	0.09199	0.05	---	---	0.00926	0.01	0.00700	0.01	0.01381	0.01	0.01443	0.02	0.01573	0.01	---	---	0.013141	0.02
2013	9	0.01738	0.04	0.03021	0.05	---	---	0.00473	0.01	0.00511	0.01	0.00983	0.01	0.00954	0.02	0.00545	0.01	---	---	0.041985	0.03
2013	10	0.03529	0.03	0.06068	0.06	---	---	0.00286	0.01	0.00348	0.01	0.01209	0.01	0.00951	0.01	0.01471	0.01	---	---	0.036874	0.03
2013	11	0.07916	0.04	0.02703	0.04	---	---	0.00476	0.00	0.00284	0.00	0.00560	0.01	0.00329	0.01	0.00218	0.01	---	---	0.028276	0.04
2013	12	0.04421	0.05	0.02248	0.04	---	---	0.00279	0.00	0.00355	0.00	0.00765	0.01	0.00652	0.01	0.00168	0.01	---	---	0.010708	0.03
2014	1	0.02830	0.05	0.02040	0.02	---	---	0.00189	0.00	0.00337	0.00	0.00548	0.01	0.00304	0.00	0.00137	0.00	---	---	0.028166	0.02
2014	2	0.02018	0.03	0.01576	0.02	---	---	0.00328	0.00	0.00406	0.00	0.00584	0.01	0.00538	0.00	0.00212	0.00	---	---	0.006357	0.02
2014	3	0.01555	0.02	0.01221	0.02	---	---	0.00315	0.00	0.00345	0.00	0.00587	0.01	0.007109	0.01	0.00210	0.00	---	---	0.004274	0.01
2014	4	0.07128	0.04	0.01518	0.01	---	---	0.00555	0.00	0.00521	0.00	0.00820	0.01	0.00508	0.01	0.00252	0.00	---	---	0.012928	0.01
2014	5	0.03763	0.04	0.02225	0.02	---	---	0.00362	0.00	0.00470	0.00	0.00881	0.01	0.00720	0.01	0.00295	0.00	---	---	0.004337	0.01
2014	6	0.01169	0.04	0.01225	0.02	---	---	0.00341	0.00	0.00585	0.01	0.01553	0.01	0.01193	0.01	0.00575	0.00	---	---	0.026101	0.01
2014	7	0.02762	0.03	0.01239	0.02	---	---	0.00592	0.00	0.00728	0.01	0.01663	0.01	0.02351	0.01	0.00474	0.00	---	---	0.018479	0.02
2014	8	0.03794	0.03	0.01986	0.01	---	---	0.00673	0.01	0.01200	0.01	0.01189	0.01	0.00946	0.01	0.00317	0.00	---	---	0.006159	0.02
2014	9	0.02067	0.03	0.07476	0.04	---	---	0.00538	0.01	0.00660	0.01	0.01936	0.02	0.01671	0.02	0.00549	0.00	---	---	0.030817	0.02
2014	10	0.03879	0.03	0.01853	0.04	---	---	0.00392	0.01	0.00456	0.01	0.01829	0.02	0.02678	0.02	0.00341	0.00	---	---	0.042354	0.03
2014	11	0.04462	0.03	0.01812	0.04	---	---	0.00311	0.00	0.00598	0.01	0.01020	0.02	0.01368	0.02	0.00193	0.00	---	---	0.012601	0.03
2014	12	0.03224	0.04	0.01084	0.02	---	---	0.00365	0.00	0.00303	0.00	0.00936	0.01	0.00758	0.02	0.00322	0.00	---	---	0.002021	0.02